

5. On a new Entomostracon from Afghanistan.

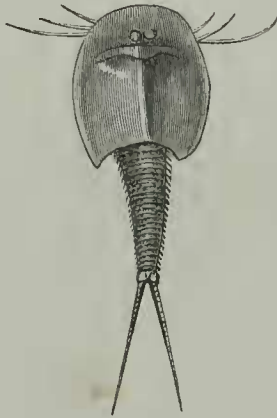
By FRANCIS DAY, F.Z.S.

[Received April 13, 1880.]

Among the zoological specimens kindly collected for me by Dr Duke in Afghanistan are several examples of a beautiful Entomostracon, which were captured in a pond near Kelat in April 1877. I propose to call it

APUS DUKIANUS, sp. nov.

Superiorly the general colour of the carapace is olive, the spinous projections sienna, and the body and tail dull yellow. The largest example is 1·4 inch long, 0·6 inch in width, while the caudal appendages are 0·7 inch in length. The longest appendage to its front feet or rami 0·5 inch in length. The caudal portion of the



Apus dukianus.

body is twice as long as the carapace. The segments of the body have each a transverse row of from 6 to 8 short spinous elevations directed backwards, the lateral spine being that most developed. The joints of the caudal appendage are similarly but less strongly armed to those of the body. The entire extent of the semilunar notch at the posterior extremity of the carapace is armed with very fine and short needle-like points, all being of about the same size; while under the microscope the hind portion of the carapace's outer edge is also seen to be minutely and evenly armed with fine points.

The great comparative length of the body of this species distinguishes it from known forms of *Apus*, while its carapace is relatively smaller and armature less developed. I have named it after Dr. Duke, who transmitted the species to me.